

Submit to Appropriate  
District Office  
State Lease -- 6 copies  
Fee Lease -- 5 copies  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-105  
Revised 1-1-89

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

WELL API NO.  
30-015-26727

5. Indicate Type of Lease  
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.  
K-6851

7. Lease Name or Unit Agreement Name  
Hannifin State

8. Well No.  
1

9. Pool name or Wildcat  
Millman QN-GB-SA

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:  
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

1b. Type of Completion:  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DUT. RESVR. ☐ OTHER ☐

2. Name of Operator  
Pool Oil Company

3. Address of Operator  
P.O. Box 604, Roswell, NM 88202

4. Well Location  
Unit Letter L : 330 Feet From The West Line and 1650 Feet From The South Line  
Section 17 Township 19S Range 29E NMPM Eddy County

10. Date Spudded  
5/15/91

11. Date T.D. Reached  
8/17/91

12. Date Compl. (Ready to Prod.)  
9/5/91

13. Elevations (DF & RKB, RT, GR, etc.)  
3372 GR

14. Elev. Casinghead  
3372

15. Total Depth  
2112

16. Plug Back T.D.  
2100

17. If Multiple Compl. How Many Zones?  
1

18. Intervals Drilled By  
Rotary Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name  
1988 - 2080 Queen Sand

20. Was Directional Survey Made  
no

21. Type Electric and Other Logs Run  
CNL-FDC, DLL w/GR

22. Was Well Cored  
no

23. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB/FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|---------------|-----------|-----------|------------------|---------------|
| 8 5/8"      | 23#           | 250       | 12"       | 200 sx           | 0             |
| 7"          | 26#           | 477       | 8"        | None             | 477           |
| 4 1/2"      | 10.5#         | 2112      | 6"        | 250 sx           | 0             |

|                  |     |        |              |        |                   |           |            |
|------------------|-----|--------|--------------|--------|-------------------|-----------|------------|
| 24. LINER RECORD |     |        |              |        | 25. TUBING RECORD |           |            |
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
|                  |     |        |              |        | 2 3/8"            | 1901      | no         |
|                  |     |        |              |        |                   |           |            |
|                  |     |        |              |        |                   |           |            |

26. Perforation record (interval, size, and number)  
1988, 92, 98, 2000, 06, 08, 10, 17, 20, 74, 75, 80  
.40", 12

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| 1988-2080      | 1500 gal. 15% HCL             |
| 1988-2080      | 30,000 gal. YF-130            |
|                | 29,000# 20/40, 25,000# 12/20  |

28. PRODUCTION

Date First Production  
9/5/91

Production Method (Flowing, gas lift, pumping - Size and type pump)  
Pumping 10' x 1 1/2" x 2"

Well Status (Prod. or Shut-in)  
Producing

|                            |                       |                         |                        |                  |                     |                                   |                        |
|----------------------------|-----------------------|-------------------------|------------------------|------------------|---------------------|-----------------------------------|------------------------|
| Date of Test<br>9/9/91     | Hours Tested<br>24    | Choke Size<br>None      | Prod'n For Test Period | Oil - Bbl.<br>28 | Gas - MCF<br>25     | Water - Bbl.<br>110               | Gas - Oil Ratio<br>892 |
| Flow Tubing Press.<br>N.A. | Casing Pressure<br>15 | Calculated 24-Hour Rate | Oil - Bbl.<br>25       | Gas - MCF<br>25  | Water - Bbl.<br>105 | Oil Gravity - API - (Corr.)<br>34 |                        |

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Vented during test

30. List Attachments  
Logs

Test Witnessed By  
Fred E. Pool, III

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Fred E. Pool, III Printed Name Fred E. Pool, III Title Owner Date 9/11/91

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

|                    |      |                  |  |
|--------------------|------|------------------|--|
| T. Anhy            | 190  | T. Canyon        |  |
| T. Salt            | 335  | T. Strawn        |  |
| B. Salt            | 810  | T. Atoka         |  |
| T. Yates           | 1002 | T. Miss          |  |
| T. 7 Rivers        | 1370 | T. Devonian      |  |
| T. Queen           | 1975 | T. Silurian      |  |
| T. Grayburg        |      | T. Montoya       |  |
| T. San Andres      |      | T. Simpson       |  |
| T. Morieta         |      | T. McKee         |  |
| T. Black           |      | T. Ellenburger   |  |
| T. Wash            |      | T. Gr. Wash      |  |
| T. Hard            |      | T. Delaware Sand |  |
| T. Lamp            |      | T. Bone Springs  |  |
| T. Cisco (Bough C) |      | T.               |  |

### Northwestern New Mexico

|                       |  |                  |  |
|-----------------------|--|------------------|--|
| T. Ojo Alamo          |  | T. Penn. "B"     |  |
| T. Kirtland Fruitland |  | T. Penn. "C"     |  |
| T. Pictured Cliffs    |  | T. Penn. "D"     |  |
| T. Cliff House        |  | T. Leadville     |  |
| T. Menefee            |  | T. Madison       |  |
| T. Point Lookout      |  | T. Elbert        |  |
| T. Mancos             |  | T. McCracken     |  |
| T. Gallup             |  | T. Ignacio Otzie |  |
| Base Greenhorn        |  | T. Granite       |  |
| T. Dakota             |  | T.               |  |
| T. Morrison           |  | T.               |  |
| T. Todilto            |  | T.               |  |
| T. Entrada            |  | T.               |  |
| T. Wingate            |  | T.               |  |
| T. Chinle             |  | T.               |  |
| T. Permian            |  | T.               |  |
| T. Penn "A"           |  | T.               |  |

### OIL OR GAS SANDS OR ZONES

|             |      |    |      |             |  |    |  |
|-------------|------|----|------|-------------|--|----|--|
| No. 1, from | 1975 | to | 2025 | No. 3, from |  | to |  |
| No. 2, from | 2070 | to | 2082 | No. 4, from |  | to |  |

### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

|             |     |    |     |      |      |              |  |
|-------------|-----|----|-----|------|------|--------------|--|
| No. 1, from | 190 | to | 202 | feet | 150' | from surface |  |
| No. 2, from | 415 | to | 425 | feet | 200' | from surface |  |
| No. 3, from |     | to |     | feet |      |              |  |

### LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | To   | Thickness in Feet | Lithology        | From | To | Thickness in Feet | Lithology |
|------|------|-------------------|------------------|------|----|-------------------|-----------|
| 0    | 190  | 190               | Red bed          |      |    |                   |           |
| 190  | 202  | 12                | Broken limestone |      |    |                   |           |
| 202  | 250  | 48                | Anhydrite        |      |    |                   |           |
| 250  | 335  | 85                | Sandy Shale      |      |    |                   |           |
| 335  | 802  | 467               | Salt             |      |    |                   |           |
| 802  | 1240 | 438               | Anhydrite        |      |    |                   |           |
| 1240 | 1440 | 200               | Dolomite         |      |    |                   |           |
| 1440 | 1465 | 25                | Sandstone        |      |    |                   |           |
| 1465 | 1500 | 35                | Dolomite         |      |    |                   |           |
| 1500 | 1510 | 10                | Sandstone        |      |    |                   |           |
| 1510 | 1815 | 305               | Dolomite         |      |    |                   |           |
| 1815 | 1875 | 60                | Sandstone        |      |    |                   |           |
| 1875 | 1975 | 100               | Dolomite         |      |    |                   |           |
| 1975 | 2025 | 50                | Sandstone        |      |    |                   |           |
| 2025 | 2075 | 50                | Dolomite         |      |    |                   |           |
| 2075 | 2080 | 5                 | Sandstone        |      |    |                   |           |
| 2080 | 2112 | 32                | Dolomite         |      |    |                   |           |